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<u>CLAIMS</u>

1.	A method for providing a fault-tolerant remote controlled computing
device, the r	nethod comprising:

executing a multi-tasking operating system and at least one primary process on the computing device;

determining with a first monitor process whether any primary process is in a fault state; and

in response to any primary process being in a fault state, resolving the fault state of each such primary process.

10 2. The method of claim 1, further comprising:

determining with a second monitor process whether the first monitor process is in a fault state; and

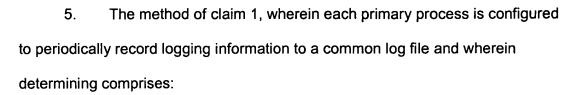
in response to the first monitor process being in a fault state, resolving the fault state of the first monitor process.

- 3. The method of claim 2, wherein the operating system monitors the second monitor process and re-starts the second monitor process when the second monitor process is in a fault state.
 - The method of claim 1, wherein determining comprises:
 polling the operating system whether each primary process is executing; and

determining, based on a response from the operating system, whether each primary process is executing.

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accessing the common log file for logging information associated
with each primary process; and
determining, based on the logging information, whether each
primary process is in a fault state.

- The method of claim 1, wherein resolving comprises:
 identifying each primary process which is in a fault state; and
 re-starting execution of each identified primary process.
- 7. The method of claim 1, wherein resolving comprises: identifying each primary process which is in a fault state; determining whether each identified primary process can be restarted; and

in response to each identified primary process not being restartable, terminating one or more executing primary processes and starting execution of one or more stable default processes.

8. A method for providing an autonomous multimedia computing device, the method comprising:

storing a local copy of a common configuration file and multimedia content on the computing device;

polling a server at pre-determined time intervals via a public Internet connection for updates to one or more processes, the local

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copy of the common configuration file, and the multimedia content;

in response to updates being available from the server,

downloading one or more updates via a fault-tolerant

network connection; and

playing the multimedia content based on instructions contained

playing the multimedia content based on instructions contained within the local copy of the central configuration file.

- 9. The method of claim 8, wherein storing comprises saving the local copy of a common configuration file and multimedia content to a storage device integrated with the computing device.
 - The method of claim 8, wherein polling comprises:connecting to a server from within a firewall.
 - 11. The method of claim 8, wherein polling comprises:

 connecting to a server via a fault-prone network connection.
- 15 12. The method of claim 8, wherein polling further comprises:reporting display statistics associated with the multimedia content.
 - 13. The method of claim 8, wherein downloading comprises: streaming one or more updates to the computing device prior to allowing access to the updates.
- 20 14. The method of claim 8, wherein the local copy of the common configuration file is in eXtensible Markup Language (XML) format.

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- 15. The method of claim 8, wherein the fault-tolerant network connection comprises a network connection which allows downloading of a file to resume once a broken network connection is re-established.
- 16. The method of claim 8, wherein the multimedia content comprisesinteractive content allowing a user to interact with the computing device.
 - 17. A method for providing a user-defined notification system for tracking status parameters associated with a plurality of computing devices, the method comprising:

storing a user-defined event comprising one or more status parameters which are common among the plurality of computing devices;

storing an address to receive a notification when each one of the status parameters satisfy threshold values defined within the user-defined event;

receiving reports of status parameters from the plurality of

computing devices at pre-determined time intervals;

determining whether the reported status parameters satisfy a userdefined event; and

in response to the user-defined event being satisfied, sending a notification to the stored address.

18. The method of claim 17, further comprising: associating the user-defined event with a frequency parameter to define an escalation level;

associating one or more escalation addresses with the escalation level;

tabulating the frequency parameter when the user-defined event associated with the escalation level is satisfied; and in response to the escalation level being satisfied, sending a notification to each of the escalation addresses.

- 19. The method of claim 17, wherein sending the notification comprises sending the notification via a messaging protocol that corresponds to the stored address.
- 10 20. The method of claim 17, wherein the notification comprises an email message.